

Remarks

This amendment accompanies a Request for Continued Examination and a "response to Notice of Drawing Inconsistency with Specification."

The allowance of the pending claims in this application and the Notice of Allowance dated June 15, 2004 are noted with appreciation. In this Amendment numerous minor revisions are made in the specification for slightly easier reading of the specification.

Added explanation at page 8, lines 8 - 19, is to make clear the improvement of power density that is accomplished. The percentage of available area that is employed for circuit components on the outer surfaces of the multilayer PCB is based on the measurement of the relevant areas of Figs. 3A and 3B. Utilization of the areas directly above and below the windings in Figs. 3A and 3B amounts to an additional area of more than 30% of the surface of the PCB that is not taken up by the magnetic element cores. With the cores themselves taking up more than 25% of the area inside the perimeter of the board, the need for space in which to mount circuit components can be a considerable problem.

New claims 33 - 37 highlight the greatly increased real estate provided for circuit components. This is an important feature of the invention when electronic devices, such as cell phones, are ever becoming smaller and power density demands for power converters are very great. New claims 38 - 43 add to their parent claims further novel and unobvious features of the devices claimed as described in the original specification.

A supplemental Invention Disclosure Form is provided. The patents and publication identified are believed insufficiently relevant to the claims of this application to warrant a rejection of any of those claims. However, to avoid any future, wrongful allegation of lack of candor, it is asked that the examiner review and make of record the art cited in the accompanying Information Disclosure Statement. Copies of the art are enclosed.

Finally, the Patent and Trademark Office's "Notice of Drawing Inconsistency with Specification" in this application has just been received. The description of Fig. 3A is a part of the revised specification. The drawings Figs. 11, 12 and 13 are believed to have been a part of the original submission to the Patent and Trademark Office for this application. However, these drawing figures are the same as those of the parent application, Serial No. 08/351,943, now U.S. patent No. 5,990,776 and new copies have been submitted with the concurrently filed "Response to Notice of Drawing Inconsistency with Specification."

With the foregoing and the accompanying Information Disclosure Statement and art, it is respectfully urged that this application continues to be in condition for allowance and favorable reconsideration to that end is respectfully requested.

In addition to the enclosed check for \$1,126.00, authorization is given to charge any additional fees associated with this communication to Deposit Account No. 070135.

Should the examiner in charge of this application have questions or suggestions for the undersigned attorneys for applicants, he is invited to call or email the undersigned at the telephone number or email address given below.

Respectfully submitted,

GALLAGHER & KENNEDY, P.A.

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By



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